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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/759,932	01/16/2004	Vijaylaxmi Chakravarty	AUS920030846US1	8214
45502 7590 09/12/2007 DILLON & YUDELL LLP 8911 N. CAPITAL OF TEXAS HWY., SUITE 2110 AUSTIN, TX 78759			EXAMINER HEFFINGTON, JOHN M	
			ART UNIT 2179	PAPER NUMBER
			MAIL DATE 09/12/2007	DELIVERY MODE . PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary

Application No.

10/759,932

Applicant(s)

CHAKRAVARTY ET AL.

Examiner

John M. Heffington

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 26 June 2007.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-20 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-20 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 06 January 2004 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- ☒ Notice of References Cited (PTO-892)
- ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- ☐ Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____
- ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____
- ☐ Notice of Informal Patent Application
- ☐ Other: _____

DETAILED ACTION

This action is in response to the original filing of June 26, 2007. Claim 2 has been amended. Claims 6 and 7 have been restricted. Claims 1-5 and 8-20 are pending and have been considered below.

Election/Restrictions

1. Restriction to one of the following inventions is required under 35 U.S.C. 121:

- I. Claims 1-5 and 8-20, drawn to modifying a file icon with indicia to indicate multiple operations to be performed on the file and then execute those files, classified in class 715, subclass 837.
- II. Claims 6 and 7, drawn to identifying and deleting sensitive files and formatting the area of the deleted files, classified in class 707, subclass 200.

2. The inventions are distinct, each from the other because of the following reasons:

Inventions I and II are unrelated. Inventions are unrelated if it can be shown that they are not disclosed as capable of use together and they have different modes of operation, different functions, or different effects (MPEP § 806.04, MPEP § 808.01). In the instant case the different inventions represent two different fields of invention.

Invention I relates to modifying a file icon with indicia to indicate multiple operations to be performed on the file and then execute those files. Invention II relates to identifying and deleting sensitive files and formatting the area of the deleted files

3. Because these inventions are independent or distinct for the reasons given above and there would be a serious burden on the examiner if restriction is not required because the inventions have acquired a separate status in the art in view of their different classification, restriction for examination purposes as indicated is proper.

4. During a telephone conversation with James Boise on 8/22/2007 a provisional election was made without traverse to prosecute the invention of modifying a file icon with indicia to indicate multiple operations to be performed on the file and the executing those operations, claims 1-5 and 8-20. Affirmation of this election must be made by applicant in replying to this office action. Claims 6 and 7 are withdrawn from further consideration by the examiner, 37 C.F.R 1.142(b), as being drawn to a non-elected invention.

5. Applicant is reminded that upon the cancellation of claims to a non-elected invention, the inventorship must be amended in compliance with 37 CFR 1.48(b) if one or more of the currently named inventors is no longer an inventor of at least one claim remaining in the application. Any amendment of inventorship must be accompanied by a request under 37 CFR 1.48(b) and by the fee required under 37 CFR 1.17(i).

Claim Rejections - 35 USC § 103

6. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the

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invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

7. This application currently names joint inventors. In considering patentability of the claims under 35 U.S.C. 103(a), the examiner presumes that the subject matter of the various claims was commonly owned at the time any inventions covered therein were made absent any evidence to the contrary. Applicant is advised of the obligation under 37 CFR 1.56 to point out the inventor and invention dates of each claim that was not commonly owned at the time a later invention was made in order for the examiner to consider the applicability of 35 U.S.C. 103(c) and potential 35 U.S.C. 102(e), (f) or (g) prior art under 35 U.S.C. 103(a).

8. Claims 1, 3-5, 8, 10-12, 15, 17, 18 and 20 are rejected under 35 U.S.C. 103(a) as being unpatentable over Becka et al. (US 2003/0074090 A1) in view of Dumarot et al. (US RE38,865 E).

Claims 1 and 15: Becka discloses a method and computer system for concurrently executing multiple operations on a single file displayed on a graphical user interface comprising selecting a file display for a single file on a graphical user interface (GUI) after engaging a first input and a second input from the plurality of inputs, wherein a first operation is associated with the first input and a second operation is associated with the second input, and wherein a first portion of the file display of the single file presents a first distinct visual feature associated with the first operation, and wherein a second portion of the file display of the single file presents a second distinct visual feature

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associated with the second operation (paragraphs 0023, 0024, 0026, figure 4), but does not disclose:

- a. associating a different operation with each of a plurality of inputs, and
- b. associating a distinct visual display feature with each of the different operations.

However, Dumarot discloses

- a. associating a different operation with each of a plurality of inputs (column 8, lines 33-67, column 9, lines 1-9), and
- b. associating a distinct visual display feature with each of the different operations (column 8, lines 33-67, column 9, lines 1-9).

Therefore, it would have been obvious to one having ordinary skill in the art at the time of the invention to add

- a. associating a different operation with each of a plurality of inputs, and
- b. associating a distinct visual display feature with each of the different operations

to Becka. One could have been motivated to add

- a. associating a different operation with each of a plurality of inputs, and
- b. associating a distinct visual display feature with each of the different operations

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to Becka to give the user a clearer idea of what actions have been queued for a particular object.

Claim 8: Becka discloses a computer system for concurrently executing multiple operations on a single file displayed on a graphical user interface, the system comprising:

- a. a monitor for displaying a single file in a graphical user interface (GUI) (figure 1);
- b. a plurality of inputs, each input being associated with a different operation to be applied to the single file (figure 4), and
- c. an input device for selecting a file display for the single file in the GUI after engaging a first input and a second input from the plurality of inputs, wherein a first operation is associated with the first input and a second operation is associated with the second input (figure 4),

but does not disclose:

- a. each different operation being associated with a distinct visual display applied to a displayed file; and
- b. wherein a first portion of the file display of the single file presents a first distinct visual feature associated with the first operation, and wherein a second portion of the file display of the single file presents a second distinct visual feature associated with the second operation.

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However, Dumarot discloses

- a. each different operation being associated with a distinct visual display applied to a displayed file (column 8, lines 33-67, column 9, lines 1-9, figure 6); and
- b. wherein a first portion of the file display of the single file presents a first distinct visual feature associated with the first operation, and wherein a second portion of the file display of the single file presents a second distinct visual feature associated with the second operation (column 8, lines 33-67, column 9, lines 1-9, figure 6).

Therefore, it would have been obvious to one having ordinary skill in the art at the time of the invention to add

- a. each different operation being associated with a distinct visual display applied to a displayed file; and
- b. wherein a first portion of the file display of the single file presents a first distinct visual feature associated with the first operation, and wherein a second portion of the file display of the single file presents a second distinct visual feature associated with the second operation

to Becka. One could have been motivated to add

- a. each different operation being associated with a distinct visual display applied to a displayed file; and

- b. wherein a first portion of the file display of the single file presents a first distinct visual feature associated with the first operation, and wherein a second portion of the file display of the single file presents a second distinct visual feature associated with the second operation

to Becka because Becka discloses executing multiple actions on a system object and adding rules to be executed to a system object, and providing one icon to represent the system object and modifying the system object icon to represent the rules to be executed on the system object enhances the users perception and control over selection and execution of the rules to be executed on the system object.

Claims 3, 10 and 17: Becka and Dumarot disclose the method, system and computer program product of claims 1, 8 and 15 and Dumarot further discloses the distinct visual features are color-coded (column 8, lines 55-62). Therefore, it would have been obvious to one having ordinary skill in the art at the time of the invention to add the distinct visual features are color-coded to Becka and Dumarot. One could have been motivated to add the distinct visual features are color-coded to Becka and Dumarot because it is common in the art to distinguish a feature in a GUI by color.

Claims 4, 11 and 18: Becka and Dumarot disclose the method, system and computer program product of claims 1, 8 and 15 and Dumarot further discloses the distinct visual features are geometric patterns (column 8, lines 55-62). Therefore, it would have been

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obvious to one having ordinary skill in the art at the time of the invention to add the distinct visual features are geometric patterns to Becka and Dumarot. One could have been motivated to add the distinct visual features are geometric patterns to Becka and Dumarot because it is common in the art to distinguish a feature in a GUI by geometric patterns.

Claims 5, 12 and 20: Becka and Dumarot disclose the method, system and computer program product of claims 1, 8 and 15, and Becka further discloses the plurality of inputs are selected icons on the GUI (figure 4).

9. Claims 2, 9 and 16 are rejected under 35 U.S.C. 103(a) as being unpatentable over Becka et al. (US 2003/0074090 A1) in view of Dumarot et al. (US RE38,865 E) as applied to claim 1, 8 and 15 above, and further in view of Partition Magic 8.0.

Claim 2: Becka and Dumarot discloses the method of claim 1 and Becka further discloses subsequently executing the first and second operations on the single file (para 0023), but does not disclose

- a. executing the first and second operations after the first and second distinct visual features are respectively displayed on the first and second portions of the file display and
- b. confirming execution of said first and second operations.

However, Dumarot discloses displaying first and second distinct visual features on first and second portions of an icon (figure 6) and Partition Magic 8.0 discloses executing first and second operation and confirming execution of said first and second operations (page 19, Viewing Pending Operations). Therefore, it would have been obvious to one having ordinary skill in the art at the time of the invention to add

- a. executing the first and second operations after the first and second distinct visual features are respectively displayed on the first and second portions of the file display, and
- b. confirming execution of said first and second operations

to Becka. One could have been motivated to add

- a. executing the first and second operations after the first and second distinct visual features are respectively displayed on the first and second portions of the file display, and
- b. confirming execution of said first and second operations

to Becka because Becka discloses executing multiple actions on a system object and adding rules to be executed to a system object, and providing one icon to represent the system object and modifying the system object icon to represent the rules to be executed on the system object enhances the users perception and control over selection and execution of the rules to be executed on the system object.

Claims 9 and 16: Becka and Dumarot disclose the computer system and computer program product of claims 8 and 15, but do not disclose an execution unit for executing the first and second operations on the single file according to a pre-determined execution order for the first and second operations. However, Partition Magic discloses executing operations in a predefined order. Therefore, it would have been obvious to one having ordinary skill in the art at the time of the invention to add an execution unit for executing the first and second operations on the single file according to a pre-determined execution order for the first and second operations to Becka and Dumarot. One could have been motivated to add an execution unit for executing the first and second operations on the single file according to a pre-determined execution order for the first and second operations to Becka and Dumarot because the desired overall operation on a file depends on the order of the of the execution order of the sub-operations.

10. Claims 13, 14 and 19 are rejected under 35 U.S.C. 103(a) as being unpatentable over Becka et al. (US 2003/0074090 A1) in view of Dumarot et al. (US RE38,865 E) as applied to claim 1, 8 and 15 above, and further in view of Talbert (US 2004/0114265 A1).

Claims 13 and 19: Becka and Dumarot disclose the computer system and computer program product of claims 8 and 15, but do not disclose the first and second files are

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both sensitive files selected for deletion. However, Talbert discloses overwriting with a pattern of 1's and 0's a file when a job involving the file is finished (paragraphs 0004, and 0005). It is common in the art to render un-readable files that are sensitive, for example, shredding a document. Therefore, it would have been obvious to one having ordinary skill in the art at the time of the invention to add the first and second files are both sensitive files selected for deletion to Becka and Dumarot. One could have been motivated to add the first and second files are both sensitive files selected for deletion to Becka and Dumarot because Becka discloses deleting a system object and sensitive files are common in the art, for example, classified or proprietary data.

Claim 14: Becka, Dumarot and Talbert disclose The computer system of claim 13 and Talbert discloses the sensitive files are erased from a hard disk on a computer by re-formatting only areas on the hard disk that had stored the sensitive files (paragraphs 0004, 0005). Therefore, it would have been obvious to one having ordinary skill in the art at the time of the invention to add the sensitive files are erased from a hard disk on a computer by re-formatting only areas on the hard disk that had stored the sensitive files to Becka, Dumarot and Talbert. One could have been motivated to add the sensitive files are erased from a hard disk on a computer by re-formatting only areas on the hard disk that had stored the sensitive files to Becka, Dumarot and Talbert because, normally, when a file is deleted from a hard disk, only the pointers to the file are deleted and overwriting the file with a pattern of 1's and 0's actually deletes the contents of the

file. It provides a greater guarantee that a sensitive file is unreadable if a pattern of 1's and 0's is used to overwrite the file.

Conclusion

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

- a. Hocker et al. (5,561,758) discloses a system and method for moving a file icon through a tube icon to select an operation to perform on the file. The operation can be placed in a pending state.
- b. Ishmael et al. (US 2004/0030728 A1) discloses a system and method for placing an operation to be performed on a file in a queue.
- c. Bates et al. (US 5,777,616) discloses a system and method comprising a multi-function icon and performing one of the operations associated with the multi-function icon on a file when the file icon is dragged to the multi-function icon.

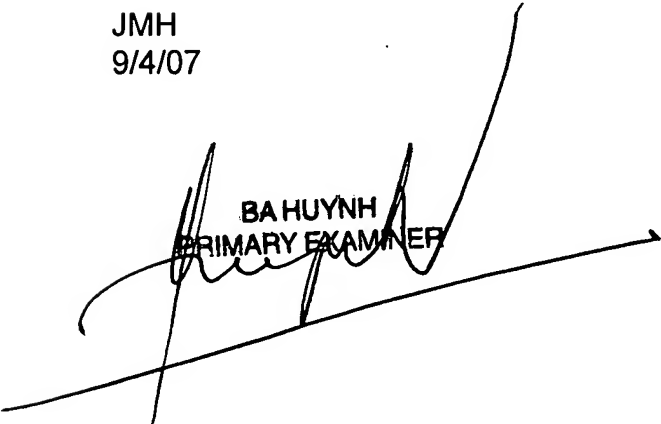
Any inquiry concerning this communication or earlier communications from the examiner should be directed to John M. Heffington whose telephone number is (571) 270-1696. The examiner can normally be reached on Mon - Fri 8:00 - 5:30 EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Weilun Lo can be reached on (571) 272-4847. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

JMH
9/4/07


BA HUYNH
PRIMARY EXAMINER